# memorandum

Carlsbad Field Office Carlsbad, New Mexico 88221

DATE: August 28, 2003

REPLY TO ATTN OF:

CBFO:QA:MN:GS:03-2550:UFC 2300.00

SUBJECT:

Issuance of Corrective Action Reports Initiated During Audit A-03-05

то: Brian Edgerton, DOE-ID Richard Cullison, DOE-ID

> The Carlsbad Field Office (CBFO) performed Audit A-03-05 of the Idaho National Environmental and Engineering Laboratory (INEEL) Advanced Mixed Waste Treatment Project (AMWTP) on August 18 - 22, 2003. CBFO Corrective Action Reports (CARs) 03-072, 03-073, 03-74, 03-075, 03-076, and 03-077 are attached.

Please document on the attached CAR continuation sheets your proposed corrective actions and a schedule for completion of CARs 03-072, 03-073, and 03-074 and forward to me prior to the response due date identified in CAR block 14. Also attached are the instructions for providing corrective action responses for your use in preparing the required responses.

Please provide the expected completion dates of the corrective actions for CARs 03-075, 03-076, and 03-077 by the response due date identified in CAR block 14 in order that a closeout visit can be planned and scheduled.

If you have any questions or comments, please contact me at (505) 234 -7483.

**Quality Assurance Specialist** 

Attachments

030835

cc: w/attachments	
A. Holland, CBFO	*ED
K. Watson, CBFO	*EC
R. Knerr, CBFO	*EC
E. Schweinsberg, BNFL	*EC
J. Wells, DOE-ID	*EC
E. Dumas, BNFL	*ED
M. Eagle, EPA	*ED
E. Feltcorn, EPA	*ED
R. Joglekar, EPA	*ED
S. Zappe, NMED	*ED
S. Holmes, NMED	*ED
S. Webb, EEG	*ED
D. Winter, DNFSB	*ED
J. May, CTAC	*ED
A. Pangle, CTAC	*ED
K. Dunbar, WRES	•
CBFO QA File	
CBFO M&RC	
•	

1. CAR No.: 03-072	2. Activity Report No.:	A-03-05	3. Page <u>1</u> of <u>3</u>
4 Controlling Document: MP-TRUW-8.3	8 Section 4.1, 9, Section 1.1, &1.2	5. CBFO Assessment Team Leader: A. Helland M. P. NAVARETT	
6. Responsible Organization: AMWTP		7. CAQ Was Discuss Dumas	sed With: Eric Schweinsberg, Elvin
8. Requirement that was violated; See con	itinuation sheet		
9. Condition Adverse to Quality:		erre de la companya d	от под
AMWTP did not ensure that the batch data report	s (BDRs) were complete. (See	e continuation sheet)	
10. Suggested Actions (Optional):	<del> </del>	angan additi bananggagggggggggggan kanapanta da	and the factor of the second s
11a. Significant CAQ 11b. Work Suspension Recommended 11c. RCRA-Related	(Yes or No): Yes (Yes or No): No (Yes or No): Yes		миников от основного применения в под в селоду у доманую пиничения в селоду фартуричения в селоду доманий в се -
11d. Accelerated Corrective Action Requi	The state of the s	ž	
12. Types of Actions: Remedial: X I	nvestigatiye; X Root (	Sause: X Actions to	Preclude Recurrence: X
13. CAR Initiator David II, Price	Waller		Date:_8/26/03_,
14. Response Due Date: 9/30/2003  Required Corrective Action Complete		Corrective Action Pla	n Required: Yes
Assessment Team Leader  C. Quality Assurance M	Date  Date  Date  Date	b. N/A Responsible Assis	stant Manager Date
16. Corrective Actions Proposed by the Re	esponsible Organization:	Use CAR Continuation	n Sheet
17. Acceptance of Proposed Corrective Ac	tions:		\$ m Ann
Assessment Team Leader	Date	anna da	Этишинын жайын жайы
18. Verification of Corrective Action Com	pletion: (Use CAR Conti	nuation Sheet)	
19a. Verified By: Name	Administrações esta esta esta esta esta esta esta es	Date	
19b. Trend Cause Code:		-	
20. Closure: Quality Assurance Ma	annager	Date	

(continuation sheet)

1. CAR No.: 03-072 2. Activity No.: A-03-05 3. Page 2 of 3

#### Block #8: Requirement that was violated:

WIPP WAP Section B3-10b (2) states:

"The Site Project Manager Review is the final validation that all of the data contained in Batch Data Reports have been properly reviewed as evidenced by signature release and completed checklists. One hundred percent of the Batch Data Reports must have Site Project Manager signature release must occur as soon as practicably possible after the Site Project QA officer signature release in order to determine and correct negative quality trends in the sampling or analytical process. However at a minimum, the Site Project Manager signature release must be performed before any waste associated with the data reviewed is managed, stored, or disposed at WIPP. This signature release must ensure the following:

The Site Project Manager or designee shall determine the validity of the drum age criteria (DAC) assignment made at the data generation level based upon an assessment of the data collection and evaluation necessary to make the assignment. Data generation level independent technical, technical supervisory, and QA officer (or designee) review, validation, and verification have been performed as evidenced by the completed review checklists and appropriate signature releases. Batch data review checklists are complete. Batch Data Reports are complete and data are properly reported (e.g., data are reported in the correct units, with the correct number of significant figures, and with qualifying flags). Verify that data are within established data assessment criteria and meet all applicable QAOs (Section B3-11)."

#### WIPP WAP Section B3-10b (1) states:

"The Site Project QA Officer review ensures that the Batch Data Reports received from the data generation level is complete, validates and verifies that the QC checks were done properly and meet program criteria, and ensures that the QAOs have been met. One hundred percent of the Batch Data Reports must receive Site Project QA Officer signature release. The Site Project QA Officer signature release must occur as soon as practicably possible in order to determine and correct negative quality trends in the sampling or analytical process. However at a minimum, the Site Project QA Officer signature release must be performed before any waste associated with the data reviewed is managed, stored, or disposed at WIPP. This signature release must ensure the following:

Batch Data Reports are complete and data are properly reported (i.e., data are reported in correct units, with correct significant figures, and with correct qualifying flags). Sampling batch QC checks (e.g., equipment blanks, field duplicates, field reference standards) were properly performed, and meet the established QAOs and are within established data usability criteria. Testing batch QC checks (e.g., replicate scans, measurement system checks) were properly performed. Radiography data are complete and acceptable based on evidence of videotape review of one waste container per day or once per testing batch, whichever is less frequent, as specified in B1-3b (2). Analytical batch QC checks (e.g., laboratory duplicates, laboratory blanks, matrix spikes, matrix spike duplicates, laboratory control samples) were properly performed and meet the established QAOs and are within established data usability criteria. On-line batch QC checks (e.g., field blanks, on-line blanks, on-line duplicates, on-line control samples) were properly performed and meet the established QAOs and are within established data usability criteria. Proper procedures were followed to ensure representative samples of headspace gas and homogenous solids and soil/gravel were taken."

#### MP-TRUW-8.8 Section 4.1.1 states:

"The ITR ensures by review of the raw data that data generation and reduction are technically correct; calculations are verified correct; deviations are documented and QA/QC results are complete, documented correctly, and compared against appropriate criteria."

#### MP-TRUW-8.8 Section 4.1.3 states:

"The TS review ensures that the ITR was performed completely, that the Batch Data Report is complete, and verifies that the results are technically reasonable."

#### MP-TRUW-8.8 Section 4.1.4 states:

"The DGL QA review ensures that the Batch Data Report is complete, that QC checks meet the acceptance criteria, and that the appropriate QAOs have been met."

#### MP-TRUW-8.9, Section 1.1 states:

"The SQAO review ensures that the Batch Data Report received from the data generation is complete, validates, and verifies that the QA checks were done properly and ensures that the QAOs have been made."

1. CAR No.: 03-072	2. Activity No.: A-03-05	3. Page 3 of 3
Block #8: Requirement that was violated:	Part 1900 and 1900 an	
MP-TRUW-8.9, Section 1.2 states: "The SPM Review is the final validation that all by signature release and completed checklist."	of the data contained in Batch Data Rep	orts have been properly reviewed as evidenced
"The reviews act as the complete data validation	ı summary."	•
Block # 9 : Condition Adverse to Quality (co	ontinued)	
BDRs were printed from the AMWTP Waste Tr fields had information truncated during the print and verification. The Site Project QA Officer an record copies within the BDR. This action resul	ting process. AMWTP personnel perform id the Site Project Manager signed checkl	ed data generation and project level validation list and individual pages that constitute the

1. CAR No.: 03-073	2. Activity Report No.:	A-03-05	3. Page 1 of 2
4. Controlling Document: INST-OI-13, R	ev. (3	5. CBFO Assessmen	nt Team Leader: A-Holland
6. Responsible Organization: AMWTP			sed With: Charles Colby, Jesse
8. Requirement that was violated: INST-OI-13, Rev. 13, Section 4.1.4.1 states Section 4.13.1states "Internal standards (IST 130% Recovery Limit and a Retention Time	Ds) are introduced into the	re added to every analy GC system at the injec	sis to serve as surrogates" and tion portThe ISTDs have a 70% to
9. Condition Adverse to Quality:			· · · · · · · · · · · · · · · · · · ·
AMWTP did not monitor ISTDs (used as sur	rogates) retention times or	recoveries in violation	of procedure INST-OI-13.
10. Suggested Actions (Optional): None		: : :	ти под дости в под при на п На при на применения на при
11a. Significant CAQ 11b. Work Suspension Recommended	(Yes or No): No (Yes or No): No		2 Samura (Carantes Carantes Ca
11c. RCRA-Related	(Yes or No): Yes		
11d. Accelerated Corrective Action Requi	red (Yes or No): No	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , ,
12. Types of Actions: Remedial: X I	nvectiontive Y Poet	ances X Actions to	Dendrida Daarmanaa V
		ALLOW THE CANALITY OF	Tree mic Recent ence: A.:
13, CAR Initiator: N. Frank/B.J.Verret C	<del>Marian</del> anananananananananananananananananan	Date: <u>8/25/03</u>	tarian de la company de la
An annual and	Correcti	The state of the s	
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a.Concurrence: M. J. January	Correcti	Date: 8/25/03	
13. CAR Initiator: N. Frank/B.J. Verret C  14. Response Due Date: 9/30/03  Required Corrective Action Complete	Correcti	Date: 8/25/03  ve Action Plan Requir	red: Yes
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a.Concurrence: M. J. January	Correction Date: N/A  B-28-03	Date: 8/25/03  ve Action Plan Requip  bNA	red: Yes
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a.Concurrence: M. J.	Correction Date: N/A  B-28-03  Date	Date: 8/25/03  ve Action Plan Requip  bNA	red: Yes
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a.Concurrence: M. J.	Correcti on Date: N/A B-2H-03 Date  nnager Date	Date: 8/25/03  Ve Action Plan Requip  b	red: Yes stant Manager Date
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a.Concurrence: M. J.	Correcti on Date: N/A  B·2H·03  Date  Date  esponsible Organization:	Date: 8/25/03  Ve Action Plan Requip  b	red: Yes stant Manager Date
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03 Required Corrective Action Complete  15. a.Concurrence: M. J.	Correcti on Date: N/A  B·2H·03  Date  Date  esponsible Organization:	Date: 8/25/03  Ve Action Plan Requip  b	red: Yes stant Manager Date
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03 Required Corrective Action Complete  15. a.Concurrence: M. J.	Correcti on Date: N/A  B·2B·3  Date  Date  Date  Date	Date: 8/25/03  ve Action Plan Requip  b. N/A  Responsible Assi  Use CAR Continuation	red: Yes stant Manager Date
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a.Concurrence: M. J.	Correcti on Date: N/A  B·2B·3  Date  Date  Date  Date	Date: 8/25/03  ve Action Plan Requip  b. N/A  Responsible Assi  Use CAR Continuation	red: Yes stant Manager Date
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a. Concurrence: M. J.	Correcti on Date: N/A  B·2B·3  Date  Date  Date  Date	Date: 8/25/03  ve Action Plan Requip  b. N/A  Responsible Assi  Use CAR Continuation	red: Yes stant Manager Date
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03 Required Corrective Action Complete  15. a.Concurrence: M. Assessment Tenm Leader  16. Corrective Actions Proposed by the Reconstruction of Proposed Corrective Action Complete  17. Acceptance of Proposed Corrective Action Complete  18. Verification of Corrective Action Complete  19a. Verified By:	Correcti on Date: N/A  B·2B·3  Date  Date  Date  Date	Date: 8/25/03  ve Action Plan Requip  bNA  Responsible Assi  Use CAR Continuation	red: Yes stant Manager Date
13. CAR Initiator: N. Frank/B.J.Verret (2)  14. Response Due Date: 9/30/03  Required Corrective Action Complete  15. a.Concurrence: M. J.	Correcti on Date: N/A  B·2B·3  Date  Date  Date  Date	Date: 8/25/03  ve Action Plan Requip  bNA  Responsible Assi  Use CAR Continuation	red: Yes stant Manager Date

(continuation sheet)

1. CAR No.: 03-073 2. Activity No.: A-03-05 3. Page 2 of 2

1. CAR No.: 03-074	2. Activity Report No.:	A-03-05	3. Page 1 of 2	
4. Controlling Document: INST-OI-12		5. CBFO Assessme		
6. Responsible Organization: A		7. CAQ Was Discussed With: Gina Tedford		
8. Requirement that was violated: INST-01-12, Section 4.7.3.3.8, Note 2 "N found that are not listed in the Waste Mat This shall be documented in the comment	ICCOM ITAMA I 101 CHAIL MA INA	e containers are addres		
9. Condition Adverse to Quality: AMWTP is not recording an inventory of 12.			RTR screen as required by INST-OI-	
10. Suggested Actions (Optional):	<u></u>	<del>Youngalana and an and an </del>		
11a. Significant CAQ 11b. Work Suspension Recommended	(Yes or No): No	Will amount or the second of t	or same manufacture and the company of the company	
Uc. RCRA-Related	(Yes or No): No (Yes or No): Yes			
11d. Accelerated Corrective Action Require				
12. Types of Actions: Remedial: X Inve	estigative: X Root Ca	use: X Actions to	Preclude Recurrence: X	
The fact that a sum of the control o	ras & Datoon	Date: 8/25/03	Charles Charle	
14. Response Due Date: 9/30/03  Required Corrective Action Completion  15. a. Concurrence: Assessment Team Leader	Correctivn Date: N/A	re Action Plan Requir	· · ·	
c. N/A Quality Assurance Man		mespuisiane Assi	stant Manager Date	
16. Corrective Actions Proposed by the Resp	ponsible Organization: I	Jse CAR Continuation	on Sheet	
17. Acceptance of Proposed Corrective Action Assessment Team Leader				
18. Verification of Corrective Action Compl	etion: (Use CAR Continu	(atton Sheet)		
19a. Verified By:  Name  19b. Trend Cause Code:		Date		
20. Closure: Quality Assurance Mana	ger	Date		

1. CAR No.: 03-074	2. Activity No.: A-03-05	3. Page 2 of 2	
Block #			**************************************
			·
			÷
		· ·	·

1. CAR No.: 03-075	2. Activity Report No.	: A-03-05	3. Page 1 of 2
4. Controlling Document: MP-Q&SI-5.3, 5.4, Rev. 1	Rev. 1 and MP-Q&SI-	5. CBFO Assessi	ment Team Leader: A Holland Work B-28-03
6. Responsible Organization: AMWTP		7. CAQ Was Dis Melton	cussed With: Charles Colby, Jesse
8. Requirement that was violated: MP-Q&SI-5.3, Rev. 1, Section 1.0, Purpose/	Scope states,		dillikaken i <del>ega kunanan mina kililiku taun a</del> n sunan manga diritah lilik despenya menggunan menunda bun
"This procedure applies to all AMWTP personal deficiency of a potential deficiency."	onnel and subcontractors, a	und addresses: deviation, violation o	of written requirements)"
See Continuation Sheet for additional require			
9. Condition Adverse to Quality: AMWTP failed to document a programmatic operators to perform sections 4.12 and 4.13 c	deficiency by issuing a co of procedure INST-OI-13.	rrective action repor	t to address the failure of headspace gas
See Continuation Sheet for details.		and the second s	and the second s
10. Suggested Actions (Optional): None			: :
11a. Significant CAQ 11b. Work Suspension Recommended 11c. RCRA-Related	(Yes or No): No (Yes or No): No (Yes or No): No		enterview (1995)
11d. Accelerated Corrective Action Requi	red (Yes or No): No	:	:
12. Types of Actions: Remedial: X I	nvestigative: Root Ca	use: Actions to	Preclude Recurrence: X,
13. CAR Initiator: N. Frank/B. J. Verret	Li Jernaka Kalendarian Kalendarian Kalendarian Kalendarian Kalendarian Kalendarian Kalendarian Kalendarian Kal	Date: <u>8/25/</u>	03
14. Response Due Date: 9/30/03  Required Corrective Action Completi		ve Action Plan Req	uired: No
15. a.Concurrence: M. J. Munuster  Assessment Team Lender	<u>B-B-03</u> Date	b. <u>N/</u> Responsible A	A Assistant Manager Date
C. Quality Assurance Ma	mager Date		
16. Corrective Actions Proposed by the Re	sponsible Organization:	Use CAR Continua	ntion Sheet
17. Acceptance of Proposed Corrective Ac	······································		Committee of the Commit
Assessment Team Lender	Date		
18. Verification of Corrective Action Comp	oletion: (Use CAR Contin	mation Sheet)	
19a. Verified By:	Control of the contro	THE PERSON OF THE PERSON OF	
Name Name	<del>Welling to the second </del>	Date	
19b. Trend Cause Code:			
20. Closures Quality Assurance Ma	nsger	Date	
		DACE	

(continuation sheet)

1. CAR No.: 03-075 2. Activity No.: A-03-05 3. Page 2 of 2

### Block # 8 : Requirement that was violated (continued)

MP-Q&SI-5.3, Rev. 1, Section 4.1.2 states,

"In the event of an undesirable situation, a condition adverse to quality, or an unacceptable safety risk, the work shall be suspended until the appropriate procedure change provisions are implemented."

Procedure MP-Q&SI-5.4, Rev. 1, Section 5.3.1 states:

"The QA Manager or designee will review the NCR record to evaluate the following:

Determine if a Corrective Action Report and formal Root Cause Analysis are required"

### Block # 9 : Condition Adverse to Quality (continued)

#### Details:

AMWTP NCR 3369 was written to document the following deviations and a technical resolution was provided with justification to use the data "as is". The NCR did not address a programmatic solution such as revising the procedure, and a corrective action report was not issued to address the programmatic issue.

Procedure INST-OI-13 was not followed in the following areas when analyzing headspace gas batches.

- Retention time windows were not calculated per Section 4.12
- Surrogates were not monitored per Section 4.13

1. CAR No.: 03-076	2. Activity Report No.;	A-03-05	3. Page 1 of 2	
4. Controlling Document: DOE/WIPP-02-:	L,			
6. Responsible Organization: AK, AMW		7. CAQ Was Discussed With: Shiela Hailey, Betty Tolman, Carolyn Abbott		
8. Requirement that was violated: WAC Section 3.3.1 States: "For any of the ten radionuclides whose prese combination thereof, and whose measured dathe site shall report the character string " <ll1 be="" reported."<="" shall="" td="" zero=""><td>isi site cietarrintian to be bal</td><td>om AK, direct measure</td><td>ement, computations, or a</td></ll1>	isi site cietarrintian to be bal	om AK, direct measure	ement, computations, or a	
9. Condition Adverse to Quality:  The AK record indicated that Cs/Sr was not e "zero" entry in WWIS. However, NDA ident concerning the presence of Cs-137. However who should now enter the measured value or	there is no indication that	The second of th	The state of the s	
10. Suggested Actions (Optional):				
11a. Significant CAQ 11b. Work Suspension Recommended 11c. RCRA-Related 11d. Accelerated Corrective Action Requir				
12. Types of Actions: Remedial: X Inv  13. CAR Initiator: D. Blauvelt D.	10811 312	**************************************	clude Recurrence: X	
14. Response Due Date: 9/30/03 Required Corrective Action Completio	Corrective	e Action Plan Require	ed: No	
Assessment Team Leader  c	<i>B-2B-03</i> b Date	N/A Responsible Assist	tant Manager . Date	
16. Corrective Actions Proposed by the Res	ponsible Organization: L	Jse CAR Continuation	ı. Sheet	
17. Acceptance of Proposed Corrective Acti				
18. Verification of Corrective Action Comp	letion: (Use CAR Continu	ation Sheet)		
19a. Verified By:  Name  19b. Trend Cause Code;	, minute state of the state of	Date		
20. Closure: Quality Assurance Man	uger	Date		

1. CAR No.: 03-076	2. Activity No.: A-03-05	3. Page 2 of 2
Block #_		
		,
••		

1. CAR No.: CAR 03-077	2. Activity Report No.:	A-03-05	3. Page 1 of 2		
4. Controlling Document: MP-DOCS-18.2	, Records Management	5. CBFO Assessmen	t Team Leader: A. Holland		
6. Responsible Organization: AMWTP Re	cords Management	7. CAQ Was Discus	sed With: Robin Eickman		
8. Requirement that was violated:					
AMWTP Management Procedure MP-DOCS-18.2, revision 3, Records Management, Section 4.3.2.2 requires that all completed records being transferred to the Records Management Center (RMC) be submitted with a completed AMWTP Records Transmittal (Form-1044) with the records.					
9. Condition Adverse to Quality:					
The following records packages submitted to Transmittal" (Form-1044) attached: Form Pa 1309, 1310, 1348, 1354, 1355, 1356, 1368, 1	ckages 1007, 1046, 1089, 1	1090, 1183, 1184, 1212	RMC without a "Records , 1218, 1249, 1274, 1292, 1308,		
10. Suggested Actions (Optional):					
11a. Significant CAQ	(Yes or No): No		<del>aansamaraan to</del> gaaraan aansama <del>an aan aa ta ka</del> o gaar anaan aanaan aan ah oo gaaraa ah aan aan aan aan aan aan a		
11b. Work Suspension Recommended 11c. RCRA-Related	(Yes or No): No (Yes or No): No				
11d. Accelerated Corrective action Requir	· · · · · · · · · · · · · · · · · · ·				
12. Types of Actions: Remedial: X_Inv	<del>*************************************</del>	er Actions to Prai	Anda Damerania - V		
13. CAR Initiator: John Gray Compac	2/2	ate:_08/25/03			
14. Response Due Date: 9/30/03  Required Corrective Action Completi		ve Action Plan Requir	ed: No		
15. a.Concurrence: M.f. Various	B-28-03	bN/A			
Assessment Team Leader	Date	Responsible Assi	stant Manager Date		
C. N/A					
Quality Assurance Ma	anager Date				
16. Corrective Actions Proposed by the Re	sponsible Organization:	Use CAR Continuation	on Sheet		
17. Acceptance of Proposed Corrective Ac	tions:				
Assessment Team Leader	Date				
18. Verification of Corrective Action Completion: (Use CAR Continuation Sheet)					
19a. Verified By:					
Name	and the state of t	Date			
19b. Trend Cause Code:					
	y samunaga		1909-1909-1909-1909-1909-1909-1909-1909		
20. Closure: Quality Assurance Ma	inager	Date			

. CAR No.: 03-077		2. Activity No.: A-03-05	3. Page 2 of _	2
	N			•
•		•		
· .				•
				,
•				
	,			
•				
•			•	
•				•
· ·				
			•	
				•
	•			
			•	
	es."			
				•
				•
•				
				•
As the second				

### INSTRUCTIONS FOR PROVIDING CORRECTIVE ACTION RESPONSE

#### WASTE ISOLATION PILOT PLANT U.S. DEPARTMENT OF ENERGY

Carlsbad Fleid Office

PAGE 1 OF

CAR NO:

## INSTRUCTIONS FOR COMPLETING A CORRECTIVE ACTION RESPONSE TO A CAR ADDRESSING A CONDITION ADVERSE TO QUALITY

You are requested to provide a corrective action in response to this corrective action report (CAR) by the due date identified in block 14 of the CAR. If this date cannot be met, provide a written request for extension to the assessment team leader (block 5). This request must include justification for the delay and must be provided prior to the due date.

The response shall address the corrective actions indicated in block 12. As appropriate, develop the response in accordance with the following sequence and format:

In order to develop the CAR response, perform an investigative action to determine the extent and impact of the deficiency and to identify the root cause. Next, determine the actions required to correct the adverse condition. The response shall include the following information, as appropriate to block 12.

- 1. Corrective action response for CAR #
- A. Remedial Action-Describe actions required or taken to correct the specific conditions noted and any similar conditions identified during the investigations.
- B. Extent and Impact of the Deficiency-Describe the Investigative actions performed to determine the extent and Impact of the condition and the results. This will include a determination of the acceptability of any data generated prior to resolution of the deficiency.
- C. Root Cause Determination-Identify the root cause of the condition as determined through investigative action.
- D. Corrective Action to Preclude Recurrence-Identify the actions required to address the root cause of the condition in order to preclude recurrence.
- 2. For each action above, identify the individual assigned responsibility for completion of the action and the anticipated (or actual, if complete) completion date.
- 3. The response must identify the individual having the overall responsibility for completion of the corrective actions.

(Continuation Sheet)

1. CAR No.	2. Activity Report No	3. Page Of
• • • • • • • • • • • • • • • • • • •		
		• ,
		*
•		